Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/843,701              | HSIEH ET AL.                            |
| Examiner                | Art Unit                                |
| William H. Wood         | 2193                                    |

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
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| 0 | Objected |

| Claim  |         | nim.     | n Data   |             |   | _        | Claim           |               |       |        |       |          |          |                |        | ٦ .    | Claim Date |        |          |    |       |          |        |  |              |        |           |                    |  |
|--|---------|----------|----------|-------------|---|----------|-----------------|---------------|-------|--------|-------|----------|----------|----------------|--------|--------|------------|--------|----------|----|-------|----------|--------|--|--------------|--------|-----------|--------------------|--|
| E     D      |         | aimi     |          |             |   |          | Date Claim Date |               |       |        |       |          |          |                |        | ┨      |            | aim    | - 1      |    | Date  |          |        |  |              |        |           |                    |  |
| Second   S |         | Original | 3/6/6    |             |   |          |                 |               |       |        | Final | Original |          |                |        |        |            |        |          |    | Final | Original |        |  |              |        |           |                    |  |
| Second   S |         | 1.       | V.       |             | T   | T        | T               |               | Ť     |        |       | 51       |          | 1              | 1      | П      | $\Box$     |        |          | 1  |       | 101      |        | T  | †            | 1      | H         |                    | 寸  |
| Signature   Sign |         | 2        | V        | 1 1         | T   | T        | T               | 1             |       |        |       |          |          | ┪              |        | П      |            | $\neg$ |          | 1  |       |          |        |  | 1            | 1      |           | П                  | 寸  |
| 4  |         | 3        |          |             | T   | 十        | 十               |               |       |        |       |          |          | 7              |        | П      |            |        |          | 1  |       |          |        | $\neg$   | †            | 1-     |           | $\Box$             | $\exists$                                      |
| 5  |         | 4        | フ        |             | 十   | $\top$   | $\top$          |               |       |        |       |          | $\Box$   | 1              |        |        |            |        |          | ٦٠ |       |          |        |  | 1            | 1      |           |                    | ヿ  |
| 6   V   7   V   107   77   107   107   108   9   V   109   109   110   110   110   111   |         | 5        | 7        |             |   | ╗        | 7               | 1             | 1     |        |       | 55       |          |                | $\top$ |        |            | $\neg$ | $\top$   |    |       |          |        |  | 1            |        |           | $\Box$             | ヿ  |
| 7     V     8     V     58     108     9     V     108     109     109     109     109     109     109     109     109     109     109     109     109     109     109     109     109     109     100 <td< td=""><td></td><td>6</td><td>7</td><td></td><td><math>\top</math></td><td><math>\top</math></td><td></td><td>1</td><td>1</td><td></td><td></td><td></td><td></td><td><math>\top</math></td><td></td><td>П</td><td></td><td>_</td><td><math>\neg</math></td><td>1</td><td></td><td></td><td><math>\neg</math></td><td></td><td>十</td><td></td><td>П</td><td>П</td><td>ヿ</td></td<>  |         | 6        | 7        |             | $\top$  | $\top$   |                 | 1             | 1     |        |       |          |          | $\top$         |        | П      |            | _      | $\neg$   | 1  |       |          | $\neg$ |  | 十            |        | П         | П                  | ヿ  |
| 8  |         | 7        | V        |             |   |          |                 | 1             | 1     |        |       | 57       |          | $\top$         | 1      | П      |            | $\neg$ |          |    |       |          |        |  | $\top$       |        |           |                    | ヿ  |
| 9  |         | 8        | フ        |             |   | $\top$   | Т               |               | 1     |        |       | 58       |          | $\neg$         | 1      | П      |            |        |          | 1  |       |          |        | t  | $\top$       | 1 -    |           | П                  | $\top$   |
| 10   |         | 9        | J.       |             |   | Т        |                 | Т             | 1     |        |       | 59       | П        |                | 1      | П      |            | T      |          | 1  |       | 109      |        |  | T            |        |           | $\Box$             | ヿ  |
| 12   |         | 10       | J        |             |   |          |                 |               |       |        |       | 60       |          |                |        | П      |            | $\neg$ |          | 1  |       |          |        | $\neg$   | T            |        |           | П                  | $\top$   |
| 12   |         | 11       | Π        |             | T   | $\sqcap$ |                 |               | Т     |        |       | 61       | $\Box$   |                | 1      | П      | $\neg$     |        |          | 7  |       |          | $\neg$ |  | Т            | 1      |           | $\sqcap$           | T  |
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| 16   |         | 14       | マ        |             |   | Т        | Т               |               |       |        |       | 64       | $\sqcap$ | Τ              | T      | П      |            |        |          | 1  |       |          |        |  | Τ            | $\top$ |           | П                  | 丁  |
| 17   |         | 15       | マ        |             |   | T        | Т               |               |       |        |       |          |          | $\top$         | Т      | П      |            |        |          | 1  |       | 115      |        |  | T            | 1      |           | П                  | T  |
| 18   V   |         | 16       | ン        |             |   |          |                 |               | 1     |        |       | 66       |          | Т              | Ī      | П      |            |        |          | 7  |       |          |        |  | Т            | $\top$ | П         | $\Box$             | $\top$   |
| 19   |         | 17       | ノ        |             |   | Т        | T               |               |       | П      |       | 67       |          | $\exists \Box$ | П      |        |            |        |          | 1  |       | 117      |        |  | Т            | Т      | П         | $\sqcap$           | 1  |
| 19   |         | 18       | <b>✓</b> |             |   | ╗        | T               |               |       | $\Box$ |       | 68       |          | $\neg$         | $\top$ |        |            | T      |          | 1  | ·     | 118      |        | $\neg$   | Т            | 1      | П         | $\sqcap$           | ╅  |
| 120  |         | 19       | V.       |             |   | ╗        | T               |               |       |        |       | 69       |          | 丁              | T      |        |            | $\neg$ |          | 1  |       |          |        | $\neg$   | Τ            | 1      | П         | $\sqcap$           | T  |
| 121  |         | 20       | J        |             | Т   | T        | Т               |               | Т     |        |       | 70       |          |                |        |        | $\neg$     |        |          | 7  |       | 120      |        |  | Т            | 1      | П         | $\Box$             | T  |
| 123  |         | 21       |          | П           | Т   |          |                 |               |       |        |       | 71       |          | 1.             |        | П      |            |        |          | 7  |       | 121      |        |  | Τ            | 1      | П         | $\sqcap$           | $\neg$   |
| 124  |         | 22       |          |             |   |          |                 |               |       |        |       | 72       |          | Т              | T      |        |            | T      |          | 7  |       | 122      |        |  | Τ            | 1      | П         | $\sqcap$           | $\top$   |
| 125  |         | 23       |          |             |   | Т        |                 |               |       |        |       | 73       |          |                |        |        |            |        |          | 7  |       | 123      |        | T  | T            | 1      |           | П                  | $\neg$   |
| 75   |         | 24       | 7        |             |   | Т        | Т               |               | Т     | П      |       |          |          |                | Т      |        |            |        |          | 1  |       | 124      |        |  | Τ            | 1      | П         | $\sqcap$           | $\neg$   |
| 127  |         | 25       | $\nabla$ |             | Т   |          |                 |               | 1.    |        |       | 75       |          |                |        |        |            |        |          | 7  |       | 125      | $\neg$ |  | Т            | 1      | П         |                    | Т  |
| 127  |         | 26       | V        |             | $\top$  |          | Т               | $\neg \vdash$ | T     |        |       | 76       |          | 7              |        |        |            |        |          | 7  |       |          | 丁      | T  | Τ            | $\top$ | П         | $\sqcap$           | $\neg$   |
| 29 J   79   129     30 J   80   130     31 J   81   131     32 J   83   132     33 J   83   133     34 J   85   134     35 J   86   136     37 J   86   136     37 J   88   138     39   88   138     40   90   140     41   91   141     42   92   142     43   94   144     45   96   146     46   96   146     47   97   147     48   98   148     49   99   149  | Ĺ       |          | 7        |             |   |          | Т               | $\Box$        |       |        |       | 77       |          |                |        |        |            |        |          | 7  |       | 127      |        |  | Τ            | Τ      | П         | П                  | $\neg$   |
| 30   |         | 28       | 1        |             | $\top$  |          |                 |               |       |        |       | 78       |          | T              |        |        |            |        |          | 1  |       | 128      |        |  | Τ            | Т      | П         | П                  | П  |
| 31   | L       | 29       | J        |             |   | $\Box$   | T               | Т             | T     |        |       | 79       |          |                |        |        |            | T      |          |    |       | 129      |        |  | Т            |        | П         | П                  | $\top$   |
| 32   |         | 30       | J        |             |   | $\perp$  |                 |               |       |        |       | 80       |          | T              |        |        |            |        |          | 1  |       | 130      |        |  | Т            | T      |           | П                  | $\top$   |
| 32   |         |          | 7        |             | Т   | Т        | Т               |               | Т     |        |       | 81       |          | 7              |        | П      | T          | $\Box$ |          |    |       | 131      |        |  | Τ            | 1      |           | $\Box$             | $\neg$   |
| 34 V 84   35 V 135   36 J 86   37 V 88   39 88   40 90   41 91   42 92   43 93   44 92   44 93   45 96   46 96   47 98   48 99   149   |         | 32       | J        |             |   |          |                 |               |       |        |       | 82       |          |                |        |        | $\neg$     | $\neg$ |          |    |       |          | $\neg$ |  | Т            | Τ      |           | $\sqcap$           | T  |
| 35 J 85   36 J 136   37 J 88   39 88   40 90   41 91   42 92   43 93   44 94   45 96   46 96   47 98   48 99   135 136   137 137   138 139   140 140   141 141   92 142   143 144   145 96   146 146   97 147   48 98   149  |         |          | 7        |             |   |          |                 |               |       |        |       |          |          |                |        |        | П          | $\Box$ |          |    |       | 133      | $\neg$ |  | Τ            | Т      |           |                    | Т  |
| 36   |         |          | _        | $\Box \Box$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          | $\Box$          |               |       |        |       |          |          |                | $\Box$ | $\Box$ | $\Box$     | J      | <u> </u> |    |       |          |        |  | $\perp$      |        |           | $\Box$             | $oxed{J}$                                      |
| 37 J 87   38 138   39 88   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 144   49 144   49 146   49 148   49 149  |         |          |          |             |   |          |                 |               |       |        |       |          |          |                | $\Box$ |        | $\Box$     |        |          |    |       |          | $\Box$ |  | L            | L      |           | $\Box$             |  |
| 38 88   39 138   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 144   49 146   49 148   49 149   |         |          | ~        |             |   | $\perp$  | Ĺ               |               |       |        |       |          |          |                |        |        |            |        |          |    |       |          |        |  |              |        |           | $\Box \Box$        |  |
| 39 89   40 90   41 91   42 92   43 94   45 95   46 95   47 97   48 98   49 140   141 141   142 142   143 144   145 145   146 97   147 148   98 148   149 149   |         |          | J        |             |   |          |                 |               |       |        |       |          |          |                |        |        |            |        |          |    |       |          |        | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $oxed{\Box}$ |        |           |                    | $\Box$   |
| 40 90   41 91   42 92   43 94   44 95   45 96   46 97   48 98   49 99   140 141   141 142   142 143   143 144   45 95   146 146   97 147   148 148   49 149  |         |          | <u> </u> |             |   | $\perp$  | $\Box$          |               |       |        |       |          |          |                |        |        |            |        |          | ]  |       |          |        |  | $\perp$      | L      | $\square$ | $\Box$             | $\Box$   |
| 41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |         |          | L.       |             |   |          |                 |               |       |        |       |          |          |                | $\Box$ |        |            |        |          | ]  |       |          |        |  | $\perp$      |        |           | $\Box$             | $\Box$   |
| 41 91   42 92   43 93   44 94   45 95   46 97   48 98   49 99   141 142   143 143   144 145   145 146   147 147   148 98   149 149   |         |          | oxdot    |             |   |          |                 |               |       |        |       |          |          |                |        |        |            | $\Box$ |          | ]  |       | 140      |        |  |              |        |           |                    | $\Box$   |
| 43 93   44 94   45 95   46 96   47 97   48 98   49 99  |         |          |          |             | $\perp$   | $\Box$   | $\perp$         |               |       |        |       |          | $\Box T$ |                |        |        |            | $\Box$ |          |    |       | 141      |        |  | oxdot        |        |           |                    |  |
| 44 94 144   45 95 145   46 96 146   47 97 147   48 98 148   49 99 149  |         |          |          |             | $\perp$   | $\bot$   | $\perp$         |               |       |        |       |          |          |                |        |        | $\Box$     |        |          |    |       |          |        | Ŀ  |              | ·      |           | $\Box$             | $oxed{oxed}$                                   |
| 45 95   46 96   47 97   48 98   49 99  |         | 43       |          |             |   | ┵        | Ţ.              |               |       |        |       | 93       |          | 1              | Ĺ      |        |            |        |          | ]  |       |          |        |  |              |        |           | $\Box$             | floor  |
| 46 96   47 97   48 98   49 148   |         |          |          |             | L   |          | Ĺ               |               |       | Ш      |       |          | [        |                |        |        |            | $\Box$ |          |    |       |          | $\Box$ | $\Box$   |              | oxdot  |           | $oxed{\Box}$       | $\Box$   |
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